

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07241473 A**

(43) Date of publication of application: **19.09.85**

(51) Int. Cl

B01J 31/06
B01J 35/02
C01B 15/029

(21) Application number: **06032086**

(71) Applicant: **MITSUBI TOATSU CHEM INC**

(22) Date of filing: **02.03.94**

(72) Inventor: **KIYOURA TADAMITSU**

(54) PRODUCTION OF HYDROGEN PEROXIDE

(57) Abstract:

PURPOSE: To efficiently produce hydrogen peroxide by a direct single-stage reaction operation by allowing hydrogen to react with oxygen in an aq. soln.

CONSTITUTION: Hydrogen is allowed to react with

oxygen-contg. gas in an acidic aq. soln. at 10-50°C under 5-50kg/cm²G pressure in the presence of a catalyst obtd. by carrying fine gold particles having ≤ 50 nm particle size on a hydrophobic carrier.

COPYRIGHT: (C)1995,JPO